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SEMICONDUCTOR DEVICE

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[There are no amendments to this patent.]

Claims

1. A semiconductor device in which semiconductor pallets different from each other but made of the same material are electrically joined by facing each other, with these

semiconductor pallets being attached to the substrate by their opposite surfaces.

2. A semiconductor device described in Claim 1, characterized by a construction in which one side of the semiconductor pallet is one used for memory while the other side is one used for logic operations.

3. A semiconductor device described in the Claim 1, characterized by a construction in which one side of the semiconductor pallet is one formed of MOS elements while the other side is one formed of bipolar elements.

4. A semiconductor device described in Claim 1 or 2, characterized by a construction in which the semiconductor pallet is made of silicon while the substrate is made of silicon carbide.

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